

SEA FISHERIES (IRELAND) ACT, 1883.

RETURN to an Order of the Honourable The House of Commons,
dated 1 July 1890;—for,

COPY "of REPORT by the COMMISSIONERS OF PUBLIC WORKS (IRELAND),
respecting the WORKS executed under 'THE SEA FISHERIES (IRELAND) ACT,
1883' (46 & 47 Vict. c. 26)."

Treasury Chambers, }
1 July 1890.

W. L. JACKSON.

(Mr. Jackson.)

Ordered, by The House of Commons, to be Printed,
1 July 1890.

LONDON:
PRINTED BY HENRY HANSARD AND SON;
AND
Published by EYRE and SPOTTISWOODS, East Harding-street, London, E.C.,
and 22, Abingdon-street, Westminster, S.W.;
ADAM and CHARLES BLACK, North Bridge, Edinburgh;
and HODGES, FIGGIS, and Co., 104 Grafton-street, Dublin.

BOARD OF PUBLIC WORKS (IRELAND).

FISHERY PIERS AND HARBOURS.

SEA FISHERIES (IRELAND) ACT, 1883, 46 & 47 Vict. c. 26.

Office of Public Works, Dublin,
17 May 1890.

1. THE Act above quoted received the Royal Assent on the 2nd August 1883, and came into operation on the 1st October following. It created a sea fishery fund amounting to 250,000 £., to be applied by the Commissioners of Public Works for the purposes of the Fishery Piers and Harbours Acts, but it enacted that the provision of the Act of 1846, 9 Vict. c. 3, which limits the amount of any grant to three-fourths of the cost of the work, and that the Act of 1866, 29 & 30 Vict. c. 45, which limits the grant for any one work to 7,500 £., shall not apply to this Act, but that the Board (with the approval of the Treasury) may make a free grant for the whole or any part of the cost of a work, or may advance the same by way of loan at a rate of interest not exceeding 3½ per cent., and that repayment of such loans shall form part of the Sea Fisheries Fund, and shall be applied by this Board for the purposes of the Act.

2. Under the 8th section there was constituted a Fishery Piers and Harbours Commission for the purpose of aiding this Board in carrying the Act into effect, and giving such assistance as had been previously given by the Inspectors of Fisheries, to confer with the Board relative to works proposed from time to time to be executed, and generally to aid in carrying the Act into execution in such manner as the Lord Lieutenant should direct.

3. The Fishery Piers and Harbours Commissioners were to be furnished with copies of the plans and specifications relating to each proposed work, and to make such observations thereon to the Treasury as they thought fit.

4. The arrangement made under the above provisions was that the Fishery Commission should recommend the several sites at which works were to be constructed, and should state the amount of accommodation to be supplied thereat, or in the alternative the maximum sum which they would recommend to be expended in the interests of the fisheries, and that the Board of Public Works was to have plans, specifications, and estimates prepared for the works, which on being sanctioned by the Treasury were to be executed under their direction.

5. The total amount expended for all purposes under the Act, to the 31st March 1890, was as follows:—

	£.	£.
Expenses of the Fishery Commission - - - -	1,845	
Pay and travelling expenses of engineering staff, and incidental expenses - - - -	14,319	
Piers and harbour works, and law expenses - - - -	236,883	
	£. 253,047	
The funds available were:—		
Grants - - - - -	250,000	
Contributions - - - - -	9,864	
	£. 259,864	
Surplus - - - - -	-	6,817
Required for completion of works in progress - - - -	-	3,594
Net Balance - - - -	£.	3,223

6. It should be stated that the Treasury authorised an excess of 10 per cent. on the estimate for any work, provided the gross estimate for all the works was not exceeded; and a further sum of 20,000 *l.* for travelling, advertising, and other charges, &c., of the Fishery Piers and Harbours Commission; for engineering expenses in designing and executing the works, "and for unforeseen contingencies," was also sanctioned.

7. The above expenditure may now be compared with the estimated cost:—

	£.
Estimate of expenditure on works - - - - -	239,258
Contingencies - - - - -	20,000
	<hr/>
	£. 259,258

8. However satisfactory such results may be, there are some facts, still more so, proving as they do the substantial manner in which the works have been executed.

9. At the close of the two winters of 1888 and 1889 the Board had all the works executed under the two above-mentioned Acts examined by the district engineers under whose superintendence they were constructed, and the works were reported in good order, with one exception, in the County of Galway, the repairs of which will probably cost 100 *l.*

10. The Board attribute this successful result in a great measure to the constant care and attention given to the execution of the works by the district engineers and other officers under the direction of the chief engineer.

11. The works under the Sea Fisheries Act, consisted in the construction of—

- A. 39 Harbours, piers, or quays, with the necessary approaches, excavations, &c., &c.
- B. 9 Boatlips (with breakwaters where necessary).
- C. 2 Harbour lighthouses.
- D. 3 Deepening channels in the sea, beds of harbours, erecting beacons, &c., &c.
- E. 6 Improvement of existing works in raising parapets, quays, &c., &c.
- F. 2 Road approaches or landing places.

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12. The materials used in the construction of the piers, slips, &c., consisted of concrete walls built up of blocks or *in situ*, with cut stone for coping, bollards, steps, and landings, and rubble for the "hearting" of the pier. The lighthouses are cast iron with catadioptric apparatus.

13. The following are the depths at the heads of the Piers at low water of spring tides:—

Dry - - - - -	33	8 feet to 10 feet - - -	1
2 feet to 4 feet - - -	8	10 " 12 " - - -	4
4 " 6 " - - -	8	12 " 14 " - - -	1
6 " 8 " - - -	4		

14. The details of the expenditure under the Act of 1883 are given in the annexed return.

15. The amount of loans sanctioned under the Act was 27,584 *l.*, repayable in 12 years. The sum of 2,715 *l.* had been received on account of principal repayments up to November 1889; a further sum of 1,802 *l.* is due in November 1890, and the balance by annual instalments, terminating in 1902.

16. There is, therefore, immediately available for additional works the sum of 5,338 *l.*, made up of 3,223 *l.*, the net saving on the grant of 250,000 *l.*, plus the sum of 2,715 *l.*, already received in repayment of the principal of loans, which, with a further sum of 32,285 *l.*, the amount of principal and interest repayable between the present time and 1902, will make a total of 38,223 *l.* available between those dates.

W. B. Soady, Secretary.

SEA FISHERIES ACT (IRELAND), 46 & 47 VICT. c. 26.

NAME OF WORK.	COUNTY.	Gross.	Less.	Contribution.	Summed on Original Estimate.	Expenditure to 31st March 1886
(1.)	(2.)	(3.)	(4.)	(5.)	(6.)	(7.)
Loughshinny - (P.)	Dublin -	1,800	—	275	2,175	1,977
Greystones - (P.)	Wicklow -	8,500	1,000	500	10,000	112,394
Kilmore - (P.)	Wexford -	8,275	2,125	—	8,500	7,752
Check Point - (P.)	Waterford -	2,250	—	750	3,000	8,355
Passage East - (H.)	ditto -	2,500	—	1,000	3,500	2,005
Boat Strand - (H.)	ditto -	6,000	—	—	6,000	5,415
Ballynagall - (P.)	ditto -	1,515	174	15	1,500	1,450
Knockadoon - (B.S.)	Cork -	1,200	—	—	1,200	1,425
Ballycotton - (H.)	ditto -	18,000	1,350	2,000	20,000	10,085
Ballycotton - (C.)	ditto -	740	—	—	740	—
Ross Bar - (P.)	ditto -	3,500	—	500	4,000	4,312
Union Hall - (P.)	ditto -	3,450	—	1,150	4,500	4,201
Baltimore - (L.H.)	ditto -	1,500	—	—	1,500	11,399
Baltimore Ship - (B.S.)	ditto -	150	—	50	200	* 47
Cadestown Bore - (P.)	ditto -	2,400	—	—	2,400	2,640
Am-amul - (B.S.)	Kerry -	800	—	—	800	719
Dingle - (L.H.)	ditto -	800	—	—	800	859
Bell David - (B.S.)	ditto -	1,500	500	—	2,000	* 1,257
Brasoon - (P.)	ditto -	4,500	—	—	4,500	* 4,201
Glin - (S.I.)	Limerick -	23	—	—	23	* 22
Carrigrohilly - (H.)	Clare -	11,000	2,500	—	13,500	15,781
Kilkee - (B.S.)	ditto -	1,000	210	140	1,400	* 1,255
Seaford - (P.)	ditto -	2,550	875	—	3,425	16,520
Liscannoy - (H.)	ditto -	4,500	1,500	—	6,000	5,184
Travaleen - (P.)	Galway -	2,000	—	—	2,000	13,715
Cashla - (P.)	ditto -	2,750	—	—	2,750	* 2,426
Rosnagall - (H.A.)	ditto -	340	—	—	340	* 312
Collabegues - (H.)	ditto -	2,000	—	—	2,000	* 1,794
Beaumont - (Ph.)	ditto -	500	—	—	500	* 455
Kilkieran - (S.I.)	ditto -	700	—	—	700	* 773
Cranston - (P.)	ditto -	2,800	—	—	2,800	* 2,455
Mason Island - (P.)	ditto -	710	—	—	710	* 690
Art West - (P.)	ditto -	950	—	—	950	* 749
Bunowen - (P.)	ditto -	2,950	—	—	2,950	* 2,455
Ganougha - (C.)	ditto -	500	—	—	500	* 255
Cleggan - (H.)	ditto -	5,000	2,000	—	8,000	5,022
Inishoffin - (S.I.)	ditto -	240	—	—	240	* 162
Lecary - (S.I.)	Mayo -	1,350	—	—	1,350	1,097
Currowkeeran - (P.)	ditto -	2,750	—	250	3,000	2,894
Achill Vindict - (S.I.)	ditto -	1,500	—	—	1,500	1,620
Belmullet East - (H.)	ditto -	2,400	—	—	2,400	* 2,084
Belmullet West - (S.I.)	ditto -	500	—	—	500	* 421
Killarduff - (B.S.)	ditto -	1,350	—	—	1,350	* 1,184
Pollanmuck - (L.P.)	ditto -	400	—	—	400	* 275
Lacken - (P.)	ditto -	5,500	—	—	5,500	2,551
Inishrone - (P.)	Sligo -	5,000	—	—	5,000	16,518
Easky - (P.)	ditto -	4,000	—	—	4,000	4,255
Aughris - (P.)	ditto -	2,000	—	—	2,000	12,365
Bundoran - (H.)	Donegal -	3,500	—	—	3,500	5,248
Port Oshre - (B.S.)	ditto -	1,800	—	170	2,000	1,244
Malinmore - (B.S.)	ditto -	1,500	—	—	1,500	1,244
Port Salen - (P.)	ditto -	5,100	1,500	300	6,400	5,111
Main Head - (P.)	ditto -	7,700	2,000	300	10,000	10,086
Calceff - (P.)	ditto -	3,000	250	250	4,000	5,842
Portstewart - (H.)	Londonderry -	3,000	1,000	—	4,000	5,757
Ballywillan - (B.S.)	Antrim -	1,000	—	—	1,000	11,542
Ballyhalbert - (P.)	Down -	5,250	1,400	550	7,000	5,745
Annalong - (H.)	ditto -	3,000	700	300	4,000	5,794
Kilkeel - (H.)	ditto -	5,550	1,400	450	7,400	7,235
Carlingford - (H.)	Louth -	11,250	3,500	150	15,000	14,034
Clogher Head - (H.)	ditto -	12,750	4,000	250	17,000	17,579
		201,510	37,384	9,454	259,258	236,852

References.—1. Letters in Column 1, after name: (P.) means Pier, (H.) Harbour, (B.) Breakwater, (B.S.) Boat Slip, (Ph.) Pierhead, Column 7 shows the work carried out by days' labour, (C) contract and days' labour; all others were under contract. 2. The four of original estimate on structural improvements not additions. (5.) The figures given in Column 13 show the amounts spent out of included in that given in Column 6.

SEA FISHERIES ACT (IRELAND), 46 & 47 VICT. c. 26.

To Complete.	Total.	Additional Particulars as to Outlay.				Nature of Addition in previous Columns.
		Savings effected on Section.	Expenses over Estimate.	Extras.		
				Due to Structural Improvements.	Due to Additional Accommodation.	
(8.)	(9.)	(10.)	(11.)	(12.)	(13.)	(14.)
£.	£.	£.	£.	£.	£.	
—	1,077	188	—	—	42	Additional steps.
50	13,744	—	5,744	—	868	Small dock.
—	7,785	715	—	—	42	Additional bollards and ladders.
—	3,381	—	585	84	241	Additional steps and fenders.
1,455	4,400	—	485	855	—	
—	6,458	44	—	130	840	Additional road approach, inclines, and perch.
—	1,480	10	—	—	—	
—	1,425	—	135	98	—	
—	19,583	817	—	206	302	Rings in breakwater and rock excavation.
780	780	—	40	—	—	
—	4,332	—	332	322	—	
—	4,911	—	311	1 101	—	
—	1,309	—	90	—	—	
—	137	43	—	—	—	
—	2,640	—	240	8	154	Fenders.
—	759	41	—	23	—	
—	388	211	—	61	—	
—	1,627	373	—	—	—	
—	6,909	—	100	—	—	
—	33	—	—	—	—	
—	13,761	—	251	804	—	
—	1,526	—	126	135	—	
—	6,559	95	—	—	—	
—	5,184	316	—	375	418	Greyne extension and mooring posts.
—	1,715	385	—	—	—	
—	2,686	714	—	—	—	
—	832	8	—	—	—	
—	1,704	300	—	—	—	
—	435	65	—	—	—	
—	773	—	73	—	—	
—	2,455	845	—	—	—	
—	590	120	—	—	—	
—	759	301	—	—	—	
—	2,455	485	—	—	—	
—	255	45	—	—	—	
—	8,022	—	22	65	—	
—	162	78	—	—	—	
—	1,007	343	—	—	—	
—	2,324	106	—	44	—	
—	1,629	—	129	—	—	
—	5,984	—	384	—	—	
—	421	79	—	—	—	
—	1,164	85	—	—	—	
—	270	124	—	—	—	
—	3,681	—	51	107	—	
—	6,318	—	318	—	—	
—	4,251	—	251	60	—	
—	2,345	—	345	112	—	
—	3,749	251	—	145	75	Steps.
—	1,874	168	—	—	—	
—	1,255	45	—	61	—	
—	6,111	289	—	35	—	
—	10,038	—	39	695	1,200	Extension of pier.
—	3,342	168	—	187	1,185	ditto.
—	3,787	316	—	492	135	Approach and deepening.
—	1,342	—	642	53	—	
—	3,745	1,354	—	39	—	
—	6,784	365	—	40	65	Steps.
—	7,720	—	328	593	—	
—	14,604	395	—	3,310	7	Skids.
1,309	19,185	—	2,188	6,909	—	
5,594	240,476	9,712	10,930	16,521	3,702	
				19,223		
				Total Extras.		

(C.) Cleaving Channel, (L.H.) Light-house, (S.I.) Small Improvements, (R.A.) Road Approach, (L.P.) Landing Place. 2. (*) In works shown as incomplete, Column 8, will very soon be finished. 4. The figures given in Column 12 show the amount spent out original section on additions and improvements. The outlay shown in all these columns (10 to 13) is merely explanatory, and is

COPY is Sent by the Commission of
Fishes and Fisheries, reporting the
Notice issued under "The Sea Fisheries
(Shoalwater) Act, 1966" (40 & 41 Geo. 6, c. 85).

(Mr. Jackson.)

Issued by the House of Commons, & is printed,
1 July 1966.

[Price 1d.]